

Job name:	Date:
Scheduled Reference:	Contractor:

System information



Outdoor Model	\	WLUD36W2/D-D(U)
Indoor Model	\	WLCAT36F/NaA
System Rating		
Cooling Capacity	Btu/h	34000
Heating Capacity	Btu/h	34000
Power Supply	\	208-230V/1Ph/60Hz
SEER2	\	15.5
EER2	\	10
HSPF2	\	7.7
Gas Pipe	inch (mm)	3/4 (19)
Liquid Pipe	inch (mm)	3/8 (9.52)
Standard Pipe Length	ft (M)	24.6 (7.5)
MAX. refrigerant pipe length between Indoor and Outdoor	ft (M)	164 (50)
MAX. Vertical Height difference between Indoor and Outdoor	ft (M)	98.4 (30)
Refrigerant Charge	oz	105.8
Connection Method	\	Screw Connection & Solder Connection
Refrigerant Type	\	R410A



Features:

High efficiency DC Inverter Technology

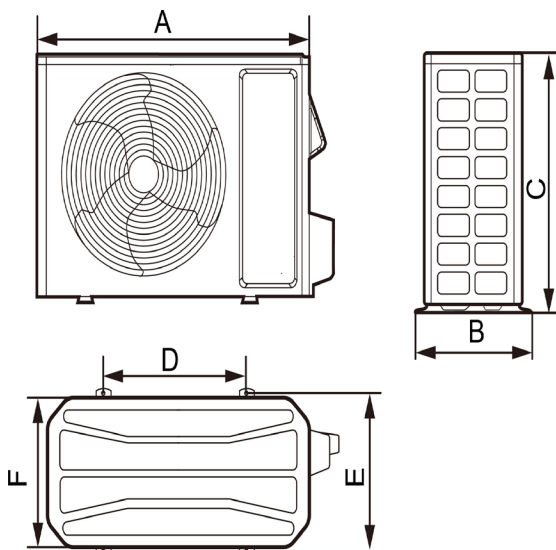
Compact and quiet side discharge unit

Match with TrueNorth or 3rd party indoor unit

24V thermostat compatible

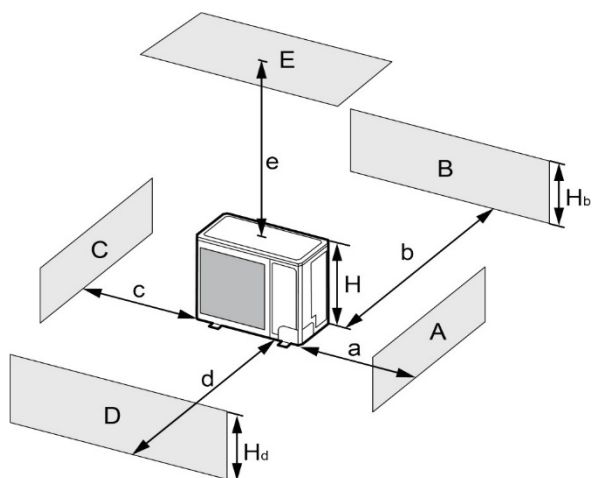


Outdoor Data and Dimensions



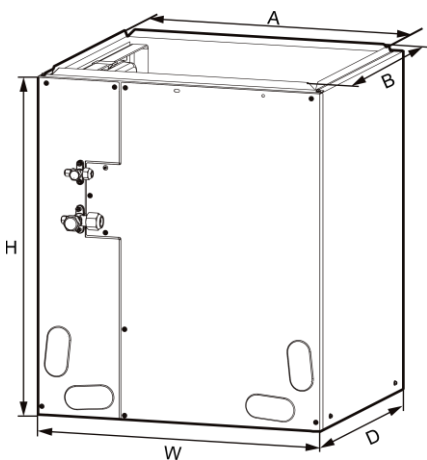
Outdoor Unit Data		
Sound Pressure Level	dB(A)	60
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	20
Rated Current Heating	A	20
MCA	A	24
MOP	A	40
Dimension (HxWxD)	inch (mm)	29 3/8 x 36 5/16 x 14 9/16 (746 x 923 x 370)
Net Weight	lb (Kg)	132.5 (60.1)
Gross Weight	lb (Kg)	141.7 (64.3)
Operating Temperature for Cooling	°F/°C	5~118.4 (-15~48)
Operating Temperature for Heating	°F/°C	5~75.2 (-15~75.2)

Dimensions	A	B	C	D	E	F
Model						
WLUD24W2/D-D(U)	35 (889)	15-13/16 (402)	25-7/8 (658)	22-7/16 (570)	14-9/16 (370)	13-3/8 (340)
WLUD30W2/D-D(U)	36-5/16 (923)	16-13/16 (427)	29-3/8 (746)	24 (610)	15-9/16 (396)	14-9/16 (370)
WLUD36W2/D-D(U)						
WLUD42W2/D-D(U)	37-1/8 (943)	16-13/16 (427)	32-1/2 (826)	25 (635)	15-9/16 (396)	14-9/16 (370)
WLUD48W2/D-D(U)						
WLUD60W2/D-D(U)	39 (990)	16-13/16 (427)	37-13/16 (960)	29-3/4 (755)	15-9/16 (396)	14-9/16 (370)



A~E	H _b	H _d	H	(in)				
				a	b	c	d	e
B	—	—	—	-	≥ 4	-	-	-
A,B,C,	—	—	—	≥ 12	≥ 4	≥ 4	-	-
B,E	—	—	—	-	≥ 4	-	-	≥ 40
A,B,C,E	—	—	—	≥ 12	≥ 6	≥ 6	-	≥ 40
D	—	—	—	-	-	-	≥ 40	-
D,E	—	—	—	-	-	-	≥ 40	≥ 40
B,D	H _b < H _d	H _d > H	—	-	≥ 4	-	≥ 40	-
	H _b > H _d	H _d < H	—	-	≥ 4	-	≥ 40	-
B,D,E	H _b < H _d	H _b ≤ 1/2H	—	-	≥ 10	-	≥ 80	≥ 40
		1/2H < H _b ≤ H	—	-	≥ 10	-	≥ 80	≥ 40
	H _b > H _d	H _b > H	Prohibited					
		H _d ≤ 1/2H	-	≥ 4	-	≥ 80	≥ 40	-
		1/2H < H _d ≤ H	-	≥ 8	-	≥ 80	≥ 40	-
		H _d > H	Prohibited					

Indoor Data and Dimensions



Indoor Unit Data		
Air Flow Volume	CFM (m ³ /h)	1000 (1700)
ESP	in.w.g (Pa)	0.0~1.0 (0~250)
Evaporator Fin per Inch	-	18
Evaporator Number of Circuit	-	12
Throttling Method	-	Thermal Expansion Valve
Dimension (HxWxD)	inch (mm)	23 x 17 1/2 x 21 1/4 (584 x 445 x 540)
Refrigerant Type	-	R410A
Refrigerant Charge	oz(Kg)	8.82 (0.25)
Net Weight	lb (Kg)	64 (29)
Gross Weight	lb (Kg)	75 (34)
Operating Temperature for Cooling	°F/°C	64.4~80.6 (18~27)

Unit: inch(mm)

Model	Dimension				
	W	D	H	A	B
WLCAT24F/NaA	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
WLCAT36F/NaA	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
WLCAT48H/NaA	24-1/2(622)	21-1/4(540)	28-1/2(724)	22-7/8(581)	19-3/8(492)
WLCAT60H/NaA	24-1/2(622)	21-1/4(540)	28-1/2(724)	22-7/8(581)	19-3/8(492)

Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

